

Filling hollow car component with foam - using out r film bag containing two bags filled with foaming reagents, bursting th m so that mix expands through e.g. slits to fill outer bag

Patent Number: DE4039135
Publication date: 1992-06-11
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Requested Patent: ☐ DE4039135
Application Number: DE19904039135 19901207
Priority Number(s): DE19904039135 19901207
IPC Classification: B29C67/20; B60R13/08
EC Classification: B29C44/18C2, B29C44/36, B60R13/08
Equivalents:

Abstract

Device for filling a space (particularly in a car component) with a two-reagent resin foam has two channels containing the respective reagents and an outer envelope of a plastic film which holds the two chambers loosely. The chambers have fracture points or thin walls so that they can burst by pressure from a finger or hand and their two reagents can be mixed together by working the outer envelope. The envelope is made of an elastic and soft material with a number of fine perforations made without loss of material; the volume of the envelope is less than that of the foam produced from the two reagents so that when they react together a part of the foam expands outwards through the perforations, fills the space, and bonds to the envelope itself. Preferred material for the envelope is polyurethane film.

ADVANTAGE - The set-up used is simple, easy to handle and is filled so well that the infill bonds to the envelope wall.

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